

国際調査報告

(法 8 条、法施行規則第40、41条)
[P C T 1 8 条、P C T 規則43、44]

出願人又は代理人 の書類記号 TA2000-022	今後の手続きについては、国際調査報告の送付通知様式(P C T / I S A / 2 2 0) 及び下記 5 を参照すること。	
国際出願番号 P C T / J P 0 0 / 0 3 3 1 5	国際出願日 (日.月.年) 2 4 . 0 5 . 0 0	優先日 (日.月.年) 2 4 . 0 5 . 9 9
出願人 (氏名又は名称) 谷電機工業株式会社		

国際調査機関が作成したこの国際調査報告を法施行規則第41条 (P C T 1 8 条) の規定に従い出願人に送付する。
この写しは国際事務局にも送付される。

この国際調査報告は、全部で 3 ページである。

☐ この調査報告に引用された先行技術文献の写しも添付されている。

1. 国際調査報告の基礎

- a. 言語は、下記に示す場合を除くほか、この国際出願がされたものに基づき国際調査を行った。
☐ この国際調査機関に提出された国際出願の翻訳文に基づき国際調査を行った。
- b. この国際出願は、ヌクレオチド又はアミノ酸配列を含んでおり、次の配列表に基づき国際調査を行った。
☐ この国際出願に含まれる書面による配列表
☐ この国際出願と共に提出されたフレキシブルディスクによる配列表
☐ 出願後に、この国際調査機関に提出された書面による配列表
☐ 出願後に、この国際調査機関に提出されたフレキシブルディスクによる配列表
☐ 出願後に提出した書面による配列表が出願時における国際出願の開示の範囲を超える事項を含まない旨の陳述書の提出があった。
☐ 書面による配列表に記載した配列とフレキシブルディスクによる配列表に記載した配列が同一である旨の陳述書の提出があった。

2. ☐ 請求の範囲の一部の調査ができない (第 I 欄参照)。

3. ☐ 発明の単一性が欠如している (第 II 欄参照)。

4. 発明の名称は ☒ 出願人が提出したものを承認する。
☐ 次に示すように国際調査機関が作成した。

5. 要約は ☒ 出願人が提出したものを承認する。
☐ 第 III 欄に示されているように、法施行規則第47条 (P C T 規則38.2(b)) の規定により国際調査機関が作成した。出願人は、この国際調査報告の発送の日から 1 カ月以内にこの国際調査機関に意見を提出することができる。

6. 要約書とともに公表される図は、
 第 1 図とする。 ☒ 出願人が示したとおりである。 ☐ なし
☐ 出願人は図を示さなかった。
☐ 本図は発明の特徴を一層よく表している。

A. 発明の属する分野の分類 (国際特許分類 (IPC))

Int. Cl⁷ G06K1/12, 7/12, 19/06, G06C5/00

B. 調査を行った分野

調査を行った最小限資料 (国際特許分類 (IPC))

Int. Cl⁷ G06K1/12, 7/12, 19/06, G06C5/00

最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報 1922-1996年
 日本国公開実用新案公報 1971-2000年
 日本国登録実用新案公報 1994-2000年
 日本国実用新案登録公報 1996-2000年

国際調査で使用した電子データベース (データベースの名称、調査に使用した用語)

C. 関連すると認められる文献

引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
X	J P, 8-96097, A (株式会社ウェルキャット)	1-17, 20, 22-24, 3
Y	12. 4月. 1996 (12. 04. 96) (ファミリーなし)	3, 34, 37-43, 45
		18, 19, 21, 25-32,
		35, 36, 44, 46-50
Y	J P, 3-154181, A (株式会社ジェーエスケ)	18, 19, 21, 25-31,
	02. 7月. 1991 (02. 07. 91) (ファミリーなし)	35, 36, 44, 46-50

☒ C欄の続きにも文献が列挙されている。☐ パテントファミリーに関する別紙を参照。

* 引用文献のカテゴリー

「A」 特に関連のある文献ではなく、一般的技術水準を示すもの
 「E」 国際出願日前の出願または特許であるが、国際出願日以後に公表されたもの
 「L」 優先権主張に疑義を提起する文献又は他の文献の発行日若しくは他の特別な理由を確立するために引用する文献 (理由を付す)
 「O」 口頭による開示、使用、展示等に言及する文献
 「P」 国際出願日前で、かつ優先権の主張の基礎となる出願

の日の後に公表された文献

「T」 国際出願日又は優先日後に公表された文献であって出願と矛盾するものではなく、発明の原理又は理論の理解のために引用するもの

「X」 特に関連のある文献であって、当該文献のみで発明の新規性又は進歩性がないと考えられるもの

「Y」 特に関連のある文献であって、当該文献と他の1以上の文献との、当業者にとって自明である組合せによって進歩性がないと考えられるもの

「&」 同一パテントファミリー文献

国際調査を完了した日

04. 08. 00

国際調査報告の発送日

15.08.00

国際調査機関の名称及びあて先

日本国特許庁 (ISA/J P)
 郵便番号100-8915
 東京都千代田区霞が関三丁目4番3号

特許庁審査官 (権限のある職員)

梅澤 俊

印

5 N

8226

電話番号 03-3581-1101 内線 6909

C (続き) . 関連すると認められる文献		
引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
Y	日本国実用新案登録出願 56-044814 号 (日本国公開実用新案公報 57-161068 号) の願書に添付した明細書及び図面の内容を撮影したマイクロフィルム (富士通株式会社) 09. 10 月. 1982 (09. 10. 82) 全文, 第 1、2 図 (ファミリーなし)	32
Y	JP, 9-152851, A (オムロン株式会社) 10. 6 月. 1997 (10. 06. 97) (ファミリーなし)	46-50

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No. PCT/JP00/03315

International Filing Date May 24, 2000

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference
(if desired) (12 characters maximum) TA2000-022

Box No. I TITLE OF INVENTION

METHOD OF EXPRESSION, RECORDING, REPRODUCTION, AND COMMUNICATION OF COMPUTER OBJECT USING COLOR, APPARATUS FOR RECORDING AND/OR REPRODUCTION, RECORDING MEDIUM, AND METHOD OF PREPARATION OF CODE

Box No. II APPLICANT

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

TANI ELECTRONICS CORPORATION
10-3, Miyoshi 3-chome, Koto-ku TOKYO 135-0022 JAPAN

☐ This person is also inventor.

Telephone No.
03-3630-6860

Facsimile No.

Teleprinter No.

State (that is, country) of nationality:

JAPAN

State (that is, country) of residence:

JAPAN

This person is applicant for the purposes of:

☐

all designated States

☒

all designated States except the United States of America

☐

the United States of America only

☐

the States indicated in the Supplemental Box

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

Okie TANI

This person is:

☐ applicant only

☒ applicant and inventor

☐ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality:

JAPAN

State (that is, country) of residence:

JAPAN

This person is applicant for the purposes of:

☐

all designated States

☐

all designated States except the United States of America

☒

the United States of America only

☐

the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

☒

agent

☐

common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Hiroshi TAMIYA
Meisan Tameike Bld., 8th Fl. 1-12, Akasaka 1-chome, Minato-ku
TOKYO 107-0052 JAPAN

Telephone No.
03-3588-8555

Facsimile No.
03-3588-8558

Teleprinter No.

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Box No. V DESIGNATION OF STATES (Double-click here if you want all the boxes on this page checked.)

The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes; at least one must be marked):

Regional Patent

- ☐ **AP ARIPO Patent:** GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT
- ☐ **EA Eurasian Patent:** AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ **EP European Patent:** AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☐ **OA OAPI Patent:** BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line).....

National Patent (if other kind of protection or treatment desired, specify on dotted line):

- | | |
|--|--|
| <input type="checkbox"/> AE United Arab Emirates..... | <input type="checkbox"/> LK Sri Lanka..... |
| <input type="checkbox"/> AL Albania..... | <input type="checkbox"/> LR Liberia..... |
| <input type="checkbox"/> DZ Algeria..... | <input type="checkbox"/> LS Lesotho..... |
| <input type="checkbox"/> AG Antigua and Barbuda..... | <input type="checkbox"/> LT Lithuania..... |
| <input type="checkbox"/> AM Armenia..... | <input type="checkbox"/> LU Luxembourg..... |
| <input type="checkbox"/> AT Austria..... | <input type="checkbox"/> LV Latvia..... |
| <input type="checkbox"/> AU Australia..... | <input type="checkbox"/> MA Morocco..... |
| <input type="checkbox"/> AZ Azerbaijan..... | <input type="checkbox"/> MD Republic of Moldova..... |
| <input type="checkbox"/> BA Bosnia and Herzegovina..... | <input type="checkbox"/> MG Madagascar..... |
| <input type="checkbox"/> BB Barbados..... | <input type="checkbox"/> MK The former Yugoslav Republic of Macedonia..... |
| <input type="checkbox"/> BG Bulgaria..... | |
| <input type="checkbox"/> BR Brazil..... | <input type="checkbox"/> MN Mongolia..... |
| <input type="checkbox"/> BY Belarus..... | <input type="checkbox"/> MW Malawi..... |
| <input checked="" type="checkbox"/> CA Canada..... | <input checked="" type="checkbox"/> MX Mexico..... |
| <input type="checkbox"/> CH and LI Switzerland and Liechtenstein..... | <input type="checkbox"/> NO Norway..... |
| <input checked="" type="checkbox"/> CN China..... | <input type="checkbox"/> NZ New Zealand..... |
| <input type="checkbox"/> CR Costa Rica..... | <input type="checkbox"/> PL Poland..... |
| <input type="checkbox"/> CU Cuba..... | <input type="checkbox"/> PT Portugal..... |
| <input type="checkbox"/> CZ Czech Republic..... | <input type="checkbox"/> RO Romania..... |
| <input type="checkbox"/> DE Germany..... | <input type="checkbox"/> RU Russian Federation..... |
| <input type="checkbox"/> DK Denmark..... | <input type="checkbox"/> SD Sudan..... |
| <input type="checkbox"/> DM Dominica..... | <input type="checkbox"/> SE Sweden..... |
| <input type="checkbox"/> EE Estonia..... | <input type="checkbox"/> SG Singapore..... |
| <input type="checkbox"/> ES Spain..... | <input type="checkbox"/> SI Slovenia..... |
| <input type="checkbox"/> FI Finland..... | <input type="checkbox"/> SK Slovakia..... |
| <input type="checkbox"/> GB United Kingdom..... | <input type="checkbox"/> SL Sierra Leone..... |
| <input type="checkbox"/> GD Grenada..... | <input type="checkbox"/> TJ Tajikistan..... |
| <input type="checkbox"/> GE Georgia..... | <input type="checkbox"/> TM Turkmenistan..... |
| <input type="checkbox"/> GH Ghana..... | <input type="checkbox"/> TR Turkey..... |
| <input type="checkbox"/> GM Gambia..... | <input type="checkbox"/> TT Trinidad and Tobago..... |
| <input type="checkbox"/> HR Croatia..... | <input type="checkbox"/> TZ United Republic of Tanzania..... |
| <input type="checkbox"/> HU Hungary..... | <input type="checkbox"/> UA Ukraine..... |
| <input checked="" type="checkbox"/> ID Indonesia..... | <input type="checkbox"/> UG Uganda..... |
| <input type="checkbox"/> IL Israel..... | <input checked="" type="checkbox"/> US United States of America..... |
| <input checked="" type="checkbox"/> IN India..... | |
| <input type="checkbox"/> IS Iceland..... | <input type="checkbox"/> UZ Uzbekistan..... |
| <input checked="" type="checkbox"/> JP Japan..... | <input checked="" type="checkbox"/> VN Viet Nam..... |
| <input type="checkbox"/> KE Kenya..... | <input type="checkbox"/> YU Yugoslavia..... |
| <input type="checkbox"/> KG Kyrgyzstan..... | <input type="checkbox"/> ZA South Africa..... |
| <input type="checkbox"/> KP Democratic People's Republic of Korea..... | <input type="checkbox"/> ZW Zimbabwe..... |
| <input checked="" type="checkbox"/> KR Republic of Korea..... | |
| <input type="checkbox"/> KZ Kazakhstan..... | |
| <input type="checkbox"/> LC Saint Lucia..... | |

Check-boxes reserved for designating States which have become party to the PCT after issuance of this sheet:

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except the designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Supplemental Box *If the Supplemental Box is not used, this sheet should not be included in the request.*

1. If, in any of the Boxes, the space is insufficient to furnish all the information: in such case write "Continuation of Box No. ..." [indicate the number of the Box] and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:

- (i) if more than two persons are involved as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
- (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "**the States indicated in the Supplemental Box**" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
- (iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
- (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- (v) if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "**patent of addition**," or "**certificate of addition**," or if, in Box No. V, the name of the United States of America is accompanied by an indication "**continuation**" or "**continuation-in-part**": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
- (vi) if, in Box No. VI, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI;
- (vii) if, in Box No. VI, the earlier application is an ARIPO application: in such case, write "Continuation of Box No. VI", specify the number of the item corresponding to that earlier application and indicate at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed.

2. If, with regard to the **precautionary designation statement** contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.

3. If the applicant claims, in respect of any designated Office, the benefits of provisions of the national law concerning **non-prejudicial disclosures or exceptions to lack of novelty**: in such case, write "Statement concerning non-prejudicial disclosures or exceptions to lack of novelty" and furnish that statement below.

Youichiro SHIMODA

Meisan Tameike Bldg., 8th Fl. 1-12, Akasaka 1-chome, Minato-ku
TOKYO 107-0052 JAPAN

Box No. VI PRIORITY CLAIM					<input type="checkbox"/> Further priority claims are indicated in the Supplemental Box.
Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:			
		national application: country	regional application:* regional Office	international application: receiving Office	
item (1) 24/05/1999	11-182235	Japan			
item (2)					
item (3)					

☒ The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of the present international application is the receiving Office) identified above as item(s): 1

* Where the earlier application is an ARIPO application, it is mandatory to indicate in the Supplemental Box at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed (Rule 4.10(b)(ii)). See Supplemental Box.

Box No. VII INTERNATIONAL SEARCHING AUTHORITY		
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): ISA /_JP	Request to use results of earlier search: reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority): Date (day/month/year) Number Country (or regional Office)	

Box No. VIII CHECK LIST; LANGUAGE OF FILING	
This international application contains the following number of sheets: request :4 description (excluding sequence listing part) :31 claims :11 abstract :1 drawings :11 sequence listing part of description : Total number of sheets :58	This international application is accompanied by the item(s) marked below: 1. <input checked="" type="checkbox"/> fee calculation sheet 2. <input checked="" type="checkbox"/> separate signed power of attorney 3. <input type="checkbox"/> copy of general power of attorney; reference number, if any: 4. <input type="checkbox"/> statement explaining lack of signature 5. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): 6. <input type="checkbox"/> translation of international application into (language): 7. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material 8. <input type="checkbox"/> nucleotide and/or amino acid sequence listing in computer readable form 9. <input type="checkbox"/> other (specify):
Figure of the drawings which should accompany the abstract:	Language of filing of the international application:

Box No. IX SIGNATURE OF APPLICANT OR AGENT	
Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).	

For receiving Office use only

1. Date of actual receipt of the purported international application: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent): ISA /JP	2. Drawings: <input type="checkbox"/> received: <input type="checkbox"/> not received: 6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid
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For International Bureau use only

Date of receipt of the record copy by the International Bureau:
